EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	66016	aerial topographic$	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/12 13:49
L2	828	epipolar	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/12 13:50
L3	7419	rpc (rational near polynomial near coefficient)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/12 14:22
L4	0	1 same 2 same 3	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/12 13:51
L5	0	1 and 2 and 3	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/12 14:15
L6	1708	382/154.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/12 14:20
L7	3884	345/418,419.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/12 14:21
L8	5375	6 7	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/12 14:21

L9	5	1 same 2	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/12 14:21
L10	76	1 and 2	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/12 14:21
L11	39	8 and 10	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/12 14:21
L12	13	8 and 3	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/12 14:22
L13	0	2 and 3	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/12 14:22
L14	0	(aerial and image and (rpc (rational near polynomial near coefficient)) and epipolar and rectified).clm.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/12 14:23
L15	0	(aerial and image and (rpc (rational near polynomial near coefficient)) and epipolar and rectified)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/12 14:23
L16	0	(aerial and image and (rpc (rational near polynomial near coefficient)) and epipolar and rectified)".clm"	US-PGPUB	OR	ON	2007/02/12 14:24

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C Fraser

E Baltsavias

J Grodecki

A Gruen

G Dial

IKONOS geometric accuracy - group of 3 »
J Grodecki, G Dial - Proceedings of ISPRS Joint Workshop "High Resolution ..., 2001 - satimagingcorp.com
... Unlike the **aerial** blocks, the overlap requirement for IKONOS ... 3 stereo Precision Stereo
Epipolar or Map 2m ... uses the Rational Polynomial Camera (**RPC**) model, also ...
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Matching of Ikonos stereo and multitemporal GEO images for DSM generation - group of 3 »
L Zhang, M Pateraki, E Baltsavias - Proc. Map Asia, 2002 - photogrammetry.ethz.ch
... 2.1 Melbourne Dataset The first dataset comprised a stereopair of **epipolar**-resampled
Geo ... could be used for our Ikonos sensor model and **aerial** image orientation ...
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Very High Resolution Satellite Image Triangulation
LC Ke, W Wolniewicz - Imaging, 1999 - open-dragon.org
... The method **RPC** (Rational Polynomial Coefficients) in the ... Orthorectification, Linear
Array CCD, **Epipolar** Plane, Perspective ... corresponding to the **aerial** images in ...
Related Articles - View as HTML - Web Search

Product Survey on DPW - group of 2 »
G Card, SI Types, S Convolution, A Matching, TO ... - socetset.com
... low-level interface 64Mb/128Mb 21"/1280x1024 On the fly **epipolar** rectification/
active ... to the traditional central projective im- ages of **aerial** cameras, both ...
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The Rational Function Model (RFM) in Photogrammetric Mapping: Method and Accuracy - group of 2 »
JZ Xu - geoict.yorku.ca
... Mosaic **Aerial** Triangulation ... But image vendors release image to users with only **RPC**
coefficient instead of the rigorous model intentionally or unintentionally. ...
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3-D Shoreline Extraction from IKONOS Satellite Imagery - group of 6 »
R Li, K Di, R Ma - Marine Geodesy, 2003 - Taylor & Francis
... images that are resampled using **epipolar** geometry by ... is the shoreline from the 1997
aerial orthophotographs and ... IKONOS stereo feature extraction—**RPC** approach ...
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GEODEC: ENABLING GEOSPATIAL DECISION MAKING - group of 2 »
C Shahabi, YY Chiang, K Chung, KC Huang, J ... - infolab.usc.edu
... building models from two or more **aerial** or satellite ... be rectified (ie have parallel
epipolar lines); however ... satellite images with accompanying **RPC** camera models ...
Related Articles - View as HTML - Web Search

3-D SHORELINE EXTRACTION FROM IKONOS SATELLITE IMAGERY
R Ma, K Di, R Li - shoreline.eng.ohio-state.edu
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orthophotographss and the spurred ... IKONOS stereo feature extraction – **RPC** approach. ...
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3D building reconstruction from high-resolution Ikonos stereo-imagery - group of 3 »
CS Fraser, E Baltsavias, A Gruen - ... Extraction of Man-Made Objects From **Aerial** and Space Images ...,
2001 - 129.132.26.4
... and in the case of a stereopair it is **epipolar** resampled ... 9. From top to bottom:
buildings in **aerial** images (pixel ... Ikonos stereo feature extraction - **RPC** approach ...
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Spatiotriangulation with multisensor HR stereo-images - group of 3 »
T Toutin - Geoscience and Remote Sensing, IEEE Transactions on, 2006 - ieeexplore.ieee.org
... and blocks of **aerial** stereo photos are ... a rational polynomial coefficient
(RPC)cameramodelfile.TheRPCfileenablesphotogrammetric ... in a quasi-**epipolar** map-oriented ...
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C Fraser
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J Grodecki
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3D CITY MODELING FROM HIGH-RESOLUTION SATELLITE IMAGES - group of 2 »
S Kocaman, L Zhang, A Gruen, D Poli - photogrammetry.ethz.ch
... GCP measurements, image georeferencing with **RPC** approach and other ... from images of
satellite, **aerial** and terrestrial ... (d) Derivation of quasi-**epipolar** images for ...
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KJ de Venecia, R Racine, AS Walker - Conference Proceedings, 2005 ASPRS Annual Conference, 2005 -
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... This option works well for vertical **aerial** imagery, but may not be the best ... IKONOS
(4) Pan Sharpened 3 band 11 bit/band Stereo **Epipolar RPC** Sensor Model Ground ...
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Photogrammetric exploitation of IKONOS imagery for mapping applications - group of 3 »
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... resampled to **epipolar** geometry with **epipolar** resampling errors ... For IKONOS imagery,
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Geometric processing of IKONOS Geo stereo imagery for coastal mapping applications - group of 4 »
K Di, R Ma, R Li - Photogrammetric Engineering and Remote Sensing, Accepted, 2002 - shoreline.eng.ohio-state.edu
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RPC positioning without ... The quasi-**epipolar** geometry and the approximate DSM ...
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Processing of Ikonos imagery for submetre 3D positioning and building extraction - group of 5 »

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Geometric Invariants for Rational Polynomial Cameras - group of 4 »

EB Barrett, PM Payton - Proceedings of Applied Imagery Pattern Recognition Workshop, 2000 - doi.ieeecs.org

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K Jacobsen - EARSeL Ghent, 2003 - ipi.uni-hannover.de

... erated by traditional photogrammetry based on **aerial** photos if ... The **RPC**'s are determined by the direct sen ... the ground point on an **epipolar** plane, intersecting ...

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Radiometric and geometric evaluation of Ikonos GEO images and their use for 3D building modelling - group of 4 »
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... to image measure- ment errors but also imprecisions in the **epipolar** resampling ... An existing stereopair of 1:15,000 scale wide-angle colour **aerial** photography of ...
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... C.11 Example **RPC** File ... radically re- duce the human effort required to extract cartographic features, especially roads and build- ings, from **aerial** and satellite ...
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... units (DMU or 1 km×) • Update of old data based on **aerial** photography and ... the orientation parameter of Socet Set (sup file) to photomod **epipolar** images for ...
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S Hese, L für Fernerkundung - geogr.uni-jena.de
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S Hese - geogr.uni-jena.de
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Interpretability and Accuracy of High Resolution Space Images for 1: 10,000 Topographic Mapping in ...

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... with panchromatic sensor is 0.82m. The high resolution makes it possible to replace
aerial photos in ... A stereo pair can be produced in **epipolar** or map projection ...
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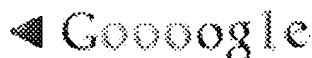**aerial** [908]. Aerodynamic [1191]. Aeronautic [1084]. Aeronautical [1086]. ...
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